

<110> HILLMAN, Jennifer L.; YUE, Henry
CORLEY, Neil C.; GUEGLER, Karl J.
PATTERSON, Chandra

<120> EXTRACELLULAR ADHESIVE PROTEINS, EXADH1 AND EXADH2

<130> PF-0576 USN

<140> US 09/762,527
<141> 2001-02-06

<150> PCT/US99/17997
<151> 1999-08-09

<150> US 09/131,648
<151> 1998-08-10

<160> 5

<170> PERL Program

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<212> PRT
<213> Homo sapiens

<220>
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<223> Incyte ID No: 2635136

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Pro Ile Pro Asp Ser Phe Ile Leu Gln Pro Pro Val Phe His Pro
35 40 45
Val Val Pro Tyr Val Thr Thr Ile Phe Gly Gly Leu His Ala Gly
50 55 60
Lys Met Val Met Leu Gln Gly Val Val Pro Leu Asp Ala His Arg
65 70 75
Phe Gln Val Asp Phe Gln Cys Gly Cys Ser Leu Cys Pro Arg Pro
80 85 90
Asp Ile Ala Phe His Phe Asn Pro Arg Phe His Thr Thr Lys Pro
95 100 105
His Val Ile Cys Asn Thr Leu His Gly Gly Arg Trp Gln Arg Glu
110 115 120
Ala Arg Trp Pro His Leu Ala Leu Arg Arg Gly Ser Ser Phe Leu
125 130 135
Ile Leu Phe Leu Phe Gly Asn Glu Glu Val Lys Val Ser Val Asn
140 145 150
Gly Gln His Phe Leu His Phe Arg Tyr Arg Leu Pro Leu Ser His
155 160 165
Val Asp Thr Leu Gly Ile Phe Gly Asp Ile Leu Val Glu Ala Val
170 175 180
Gly Phe Leu Asn Ile Asn Pro Phe Val Glu Gly Ser Arg Glu Tyr
185 190 195
Pro Ala Gly His Pro Phe Leu Leu Met Ser Pro Arg Leu Glu Val
200 205 210
Pro Cys Ser His Ala Leu Pro Gln Gly Leu Ser Pro Gly Gln Val

215	220	225
Ile Ile Val Arg Gly Leu Val Leu Gln Glu Pro Lys His Phe Thr		
230	235	240
Val Ser Leu Arg Asp Gln Ala Ala His Ala Pro Val Thr Leu Arg		
245	250	255
Ala Ser Phe Ala Asp Arg Thr Leu Ala Trp Ile Ser Arg Trp Gly		
260	265	270
Gln Lys Lys Leu Ile Ser Ala Pro Phe Leu Phe Tyr Pro Gln Arg		
275	280	285
Phe Phe Glu Val Leu Leu Phe Gln Glu Gly Gly Leu Lys Leu		
290	295	300
Ala Leu Asn Gly Gln Gly Leu Gly Ala Thr Ser Met Asn Gln Gln		
305	310	315
Ala Leu Glu Gln Leu Arg Glu Leu Arg Ile Ser Gly Ser Val Gln		
320	325	330
Leu Tyr Cys Val His Ser		
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<212> PRT

<213> Homo sapiens

<220>

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<223> Incyte ID No: 2687731

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Arg Leu Cys Thr Cys Glu Ile Arg Pro Trp Phe Thr Pro Arg Ser			
35		40	45
Ile Tyr Met Glu Ala Ser Thr Val Asp Cys Asn Asp Leu Gly Leu			
50		55	60
Leu Thr Phe Pro Ala Arg Leu Pro Ala Asn Thr Gln Ile Leu Leu			
65		70	75
Leu Gln Thr Asn Asn Ile Ala Lys Ile Glu Tyr Ser Thr Asp Phe			
80		85	90
Pro Val Asn Leu Thr Gly Leu Asp Leu Ser Gln Asn Asn Leu Ser			
95		100	105
Ser Val Thr Asn Ile Asn Val Lys Lys Met Pro Gln Leu Leu Ser			
110		115	120
Val Tyr Leu Glu Glu Asn Lys Leu Thr Glu Leu Pro Glu Lys Cys			
125		130	135
Leu Ser Glu Leu Ser Asn Leu Gln Glu Leu Tyr Ile Asn His Asn			
140		145	150
Leu Leu Ser Thr Ile Ser Pro Gly Ala Phe Ile Gly Leu His Asn			
155		160	165
Leu Leu Arg Leu His Leu Asn Ser Asn Arg Leu Gln Met Ile Asn			
170		175	180
Ser Lys Trp Phe Asp Ala Leu Pro Asn Leu Glu Ile Leu Met Ile			
185		190	195
Gly Glu Asn Pro Ile Ile Arg Ile Lys Asp Met Asn Phe Lys Pro			
200		205	210
Leu Ile Asn Leu Arg Ser Leu Val Ile Ala Gly Ile Asn Leu Thr			
215		220	225
Glu Ile Pro Asp Asn Ala Leu Val Gly Leu Glu Asn Leu Glu Ser			

230	235	240
Ile Ser Phe Tyr Asp Asn Arg Leu Ile	Lys Val Pro His Val Ala	
245	250	255
Leu Gln Lys Val Val Asn Leu Lys Phe	Leu Asp Leu Asn Lys Asn	
260	265	270
Pro Ile Asn Arg Ile Arg Arg Gly Asp	Phe Ser Asn Met Leu His	
275	280	285
Leu Lys Glu Leu Gly Ile Asn Asn Met	Pro Glu Leu Ile Ser Ile	
290	295	300
Asp Ser Leu Ala Val Asp Asn Leu Pro	Asp Leu Arg Lys Ile Glu	
305	310	315
Ala Thr Asn Asn Pro Arg Leu Ser Tyr	Ile His Pro Asn Ala Phe	
320	325	330
Phe Arg Leu Pro Lys Leu Glu Ser Leu	Met Leu Asn Ser Asn Ala	
335	340	345
Leu Ser Ala Leu Tyr His Gly Thr Ile	Glu Ser Leu Pro Asn Leu	
350	355	360
Lys Glu Ile Ser Ile His Ser Asn Pro	Ile Arg Cys Asp Cys Val	
365	370	375
Ile Arg Trp Met Asn Met Asn Lys Thr	Asn Ile Arg Phe Met Glu	
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Pro Asp Ser Leu Phe Cys Val Asp Pro	Pro Glu Phe Gln Gly Gln	
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Asn Val Arg Gln Val His Phe Arg Asp	Met Met Glu Ile Cys Leu	
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Pro Leu Ile Ala Pro Glu Ser Phe Pro	Ser Asn Leu Asn Val Glu	
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Ala Gly Ser Tyr Val Ser Phe His Cys	Arg Ala Thr Ala Glu Pro	
440	445	450
Gln Pro Glu Ile Tyr Trp Ile Thr Pro	Ser Gly Gln Lys Leu Leu	
455	460	465
Pro Asn Thr Leu Thr Asp Lys Phe Tyr	Val His Ser Glu Gly Thr	
470	475	480
Leu Asp Ile Asn Gly Val Thr Pro Lys	Glu Gly Gly Leu Tyr Thr	
485	490	495
Cys Ile Ala Thr Asn Leu Val Gly Ala	Asp Leu Lys Ser Val Met	
500	505	510
Ile Lys Val Asp Gly Ser Phe Pro Gln	Asp Asn Asn Gly Ser Leu	
515	520	525
Asn Ile Lys Ile Arg Asp Ile Gln Ala	Asn Ser Val Leu Val Ser	
530	535	540
Trp Lys Ala Ser Ser Lys Ile Leu Lys	Ser Ser Val Lys Trp Thr	
545	550	555
Ala Phe Val Lys Thr Glu Asn Ser His	Ala Ala Gln Ser Ala Arg	
560	565	570
Ile Pro Ser Asp Val Lys Val Tyr Asn	Leu Thr His Leu Asn Pro	
575	580	585
Ser Thr Glu Tyr Lys Ile Cys Ile Asp	Ile Pro Thr Ile Tyr Gln	
590	595	600
Lys Asn Arg Lys Lys Cys Val Asn Val	Thr Thr Lys Gly Leu His	
605	610	615
Pro Asp Gln Lys Glu Tyr Glu Lys Asn	Asn Thr Thr Thr Leu Met	
620	625	630
Ala Cys Leu Gly Gly Leu Leu Gly Ile	Ile Gly Val Ile Cys Leu	
635	640	645
Ile Ser Cys Leu Ser Pro Glu Met Asn	Cys Asp Gly Gly His Ser	
650	655	660
Tyr Val Arg Asn Tyr Leu Gln Lys Pro	Thr Phe Ala Leu Gly Glu	
665	670	675

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Leu Tyr Pro Pro Leu Ile Asn Leu Trp Glu Ala Gly Lys Glu Lys
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Ser Thr Ser Leu Lys Val Lys Ala Thr Val Ile Gly Leu Pro Thr
695 700 705
Asn Met Ser

<210> 3
<211> 1643
<212> DNA
<213> Homo sapiens

<220>
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gcacacaggt ttcagggtgga cttcccaagt ggctgcagcc tgggtccccc gccagatatac 540
gccttccact tcaaccctcg cttccataacc accaagcccc atgtcatctg caacaccctg 600
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									20					30
Leu	Ile	Val	Ile	Arg	Gly	His	Val	Pro	Ser	Asp	Ala	Asp	Arg	Phe
									35					45
Gln	Val	Asp	Leu	Gln	Asn	Gly	Ser	Ser	Val	Lys	Pro	Arg	Ala	Asp
									50					60
Val	Ala	Phe	His	Phe	Asn	Pro	Arg	Phe	Lys	Arg	Ala	Gly	Cys	Ile
									65					75
Val	Cys	Asn	Thr	Leu	Ile	Asn	Glu	Lys	Trp	Gly	Arg	Glu	Glu	Ile
									80					90

Thr	Tyr	Asp	Thr	Pro	Phe	Lys	Arg	Glu	Lys	Ser	Phe	Glu	Ile	Val
				95				100					105	
Ile	Met	Val	Leu	Lys	Asp	Lys	Phe	Gln	Val	Ala	Val	Asn	Gly	Lys
				110				115					120	
His	Thr	Leu	Leu	Tyr	Gly	His	Arg	Ile	Gly	Pro	Glu	Lys	Ile	Asp
				125				130					135	
Thr	Leu	Gly	Ile	Tyr	Gly	Lys	Val	Asn	Ile	His	Ser	Ile	Gly	Phe
				140				145					150	
Ser	Phe	Ser	Ser	Asp	Leu	Gln	Ser	Thr	Gln	Ala	Ser	Ser	Leu	Glu
				155				160					165	
Leu	Thr	Glu	Ile	Val	Arg	Glu	Asn	Val	Pro	Lys	Ser	Gly	Thr	Pro
				170				175					180	
Gln	Leu	Ser	Leu	Pro	Phe	Ala	Ala	Arg	Leu	Asn	Thr	Pro	Met	Gly
				185				190					195	
Pro	Gly	Arg	Thr	Val	Val	Val	Gln	Gly	Glu	Val	Asn	Ala	Asn	Ala
				200				205					210	
Lys	Ser	Phe	Asn	Val	Asp	Leu	Leu	Ala	Gly	Lys	Ser	Lys	Asp	Ile
				215				220					225	
Ala	Leu	His	Leu	Asn	Pro	Arg	Leu	Asn	Ile	Lys	Ala	Phe	Val	Arg
				230				235					240	
Asn	Ser	Phe	Leu	Gln	Glu	Ser	Trp	Gly	Glu	Glu	Glu	Arg	Asn	Ile
				245				250					255	
Thr	Ser	Phe	Pro	Phe	Ser	Pro	Gly	Met	Tyr	Phe	Glu	Met	Ile	Ile
				260				265					270	
Tyr	Cys	Asp	Val	Arg	Glu	Phe	Lys	Val	Ala	Val	Asn	Gly	Val	His
				275				280					285	
Ser	Leu	Glu	Tyr	Lys	His	Arg	Phe	Lys	Glu	Leu	Ser	Ser	Ile	Asp
				290				295					300	
Thr	Leu	Glu	Ile	Asn	Gly	Asp	Ile	His	Leu	Leu	Glu	Val	Arg	Ser
				305				310					315	

Trp